## Method of Support Statement

Mobay Corporation, Animal Health Division, is choosing the selective method for satisfying data requirements to support the registration of Bayocide<sup>m</sup> Pour-On Insecticide. Specific data requirements are given below.

Data Requirements for Bayocide Pour-On Insecticide Containing Cyfluthrin Active Ingredient.					
* Supplied as Baythroid Technical Insecticide (EPA Reg. No. 3125-356)					
Data Regularezata/	Method of Demonstrating Compliance				
Data Requirements/ Guidelines Reference No./	Submission of New Study/	Citation of Studies			
Description	Information	Specific	Cite-All		
§ 158.120 Prod. chem.	事 10 三百岁				
61-1 Identity/comp.	X				
61- 2 Manuf. descript.	X		X		
61- 3 Discus. of impur.	X		Aug 1		
62- 1 Prelim. anal.	X		X		
62- 2 Cert. of limits	X				
62- 3 Anal. meth.	X				
63- 2 Color	X		X		
63- 3 Phys. state	X		X		
63- 4 Odor	X		X		
63- 5 M.P.	7.0		X		
63- 6 B.P.			X		
63- 7 Density	X		X		
63-8 Solubility			X		
63- 9 Vapor press.			X		
63-10 Dissoc. const.			X		
63-11 Oct./water coeff.			X		
63-12 pH	X		X		
63-13 Stability			X		
63-14 Oxid./Reduc.	X				
63-15 Flammability	X				
63-16 Explodability	X				
63-17 Storage stability	X				
63-18 Viscosity	X				
63-19 Miscibility	X				
63-20 Corrosion	X		Company of the second		
§ 158.24 Residue Chemistry					
171-2 Chem. identity	X				
171-4 Nature of res.			X		
Res. anal. meth.			X		
Mag. of the res.	X	THE PROPERTY OF			
171-5 Redtn. of res.			X		

171-6 Proposed tol.

# Data Requirements for Bayocide Pour-On Insecticide Containing Cyfluthrin Active Ingredient. (continued)

\* Supplied as Baythroid Technical Insecticide (EPA Reg. No. 3125-356)

2. 2	Method of I	Method of Demonstrating Compliance			
Data Requirements/ Guidelines Reference No./	Submission of New Study/	Citation of Studies			
Description	Information	Specific	Cite-All		
158.340 Toxicology			11/16/27		
81-1 Acute oral/rat	1	X			
81-2 Acute dermal		X			
81-3 Acute inhal./rat		X	-		
81-4 Pri. eye irr./rab.		X			
81-5 Pri. dermal sens.		X			
81-6 Dermal sens.		X			
82-1 90-d. feeding			X		
82-2 21-d. dermal			X		
82-3 90-d. dermal					
83-1 Chronic feeding			X		
83-2 Oncogenicity			X		
83-3 Teratogenicity			X X		
83-4 Reproduction					
84-2 Gene mutat.			X		
84-3 Str. chrom. aber.		tion of the	X		
84-4 Other genotox. ef.			X		
85-1 Gen. metab.			X		
86-1 Dom. an. safety	X				
158.490 Wild. & aq. org.			1 13		
71-1 Avian oral LD-			X		
71-7 Avian dietary LC			X		
72-1 Fresh, fish LC-			X		
72-2 Fresh. inv. LC <sub>50</sub>			X		

The following new studies (<u>not</u> previously submitted) are being submitted to support the registration application of Bayocide Pour-On Insecticide:

#### Guideline No.

- 62-3 Mobay Report No. 74022, Validation of Test Method TMC-41.20 for Determining Cyfluthrin in Cyfluthrin 1% Pour-On by Gas/Liquid Chromatography.
- 63-17 Mobay Report No. 74027, Stability of Cyfluthrin 1% Pour-On (3 Month Interval).
- 171- 4 Mobay Report No. 74050, Residues of Cyfluthrin for Bovine Tissue and Milk Following Dermal Application of a Pour-On Formulation.
- 171- 4 Mobay Report No. 74051, Residues of Cyfluthrin for Bovine Tissue Following Dermal Application of a Pour-On Formulation to Beef Cattle.
- 86-1 Mobay Report No. 74013, General Safety Evaluation for the Use of Cyfluthrin 1% Pour-On in Cattle.

The following studies previously submitted are being specifically cited to support the registration application of Bayocide Pour-On Insecticide:

Guideline Number Mobay Report Number MRID N	CHILD C.L.
81-1 90898 00157	788
81-2 90447 00157	789
81-3 90901 00157	790
81-4 86130 00138	748
81-5 90575 00157	791
81-6 90807 00157	792

All other pertinent studies cited under the "cite-all" category have previously been submitted by Mobay Corporation, Agricultural Chemicals Division in support of BAYTHROID Technical Insecticide, EPA Registration No. 3125-356, source of cyfluthrin active ingredient and Pesticide Petition No. 9H5574 and MRID No. 410016-00, 410016-22, 410620-00 and 410620-01.

## Method of Support Statement

Mobay Corporation, Animal Health Division, is choosing the selective method for satisfying data requirements to support the registration of Bayocide<sup>M</sup> Pour-On Insecticide. Specific data requirements are given below.

Supplied as Baythroid Technica	al Insecticide (E	PA Reg. No. 3	3125-356)	
Pata Baselmanata/	Method of Demonstrating Compliance			
Data Requirements/ Guidelines Reference No./	Submission of New Study/	Citation of Studies		
Description	Information	Specific Cite-A		
§ 158.120 Prod. chem.		1034		
61-1 Identity/comp.	X			
61- 2 Manuf. descript.	X		X	
61- 3 Discus. of impur.	X	and the last		
62- 1 Prelim. anal.	X		X	
62- 2 Cert. of limits	X	100		
62- 3 Anal. meth.	X		100	
63- 2 Color	X		X	
63- 3 Phys. state	X		X	
63- 4 Odor	X		X	
63- 5 M.P.			X	
63- 6 B.P.			X	
63- 7 Density	X		X	
63- 8 Solubility			X	
63- 9 Vapor press.			X	
63-10 Dissoc. const.			X	
63-11 Oct./water coeff.			X	
63-12 pH	X		X	
63-13 Stability	7		X	
63-14 Oxid./Reduc.	X			
63-15 Flammability	X			
63-16 Explodability	X			
63-17 Storage stability	X			
63-18 Viscosity	X			
63-19 Miscibility	X			
63-20 Corrosion	X			
§ 158.24 Residue Chemistry	, I , I , I , I , I , I			
171-2 Chem. identity	X			
171-4 Nature of res.			X	
Res. anal. meth.			X	
Mag. of the res.	X			
171-5 Redtn. of res.			X	
171-6 Proposed tol.			X	

# Data Requirements for Bayocide Pour-On Insecticide Containing Cyfluthrin Active Ingredient. (continued)

Supplied as Baythroid Technical Insecticide (EPA Reg. No. 3125-356)

Data Requirements/ Guidelines Reference No./ Description		Method of Demonstrating Compliance			
		Submission of New Study/	Citation of Studies		
		Information	Specific	ic Cite-Al	
158.340	Toxicology				
81-1	Acute oral/rat		X		
81-2	Acute dermal		X		
81-3	Acute inhal./rat		X		
	Pri. eye irr./rab.		X		
81-5	Pri. dermal sens.		X		
81-6	Dermal sens.		X		
82-1	90-d. feeding			X	
82-2	21-d. dermal			X	
82-3	90-d. dermal			X	
	Chronic feeding			X	
83-2	Oncogenicity			X	
83-3	Teratogenicity			X	
83-4				X	
84-2	Gene mutat.			X	
84-3	Str. chrom. aber.			X	
84-4	Other genotox. ef.	100		X	
85-1				X	
86-1	Dom. an. safety	Х			
158.490	Wild. & aq. org.				
71-1	Avian oral LD			X	
71-2	Avian dietary LC	The state of the s		X	
72-1	Fresh. fish LC.			X	
72-2	Fresh. inv. LC <sub>50</sub>			X	

The following new studies (<u>not</u> previously submitted) are being submitted to support the registration application of Bayocide Pour-On Insecticide:

#### Guideline No.

- 62-3 Mobay Report No. 74022, Validation of Test Method TMC-41.20 for Determining Cyfluthrin in Cyfluthrin 1% Pour-On by Gas/Liquid Chromatography.
- 63-17 Mobay Report No. 74027, Stability of Cyfluthrin 1% Pour-On (3 Month Interval).
- 171- 4 Mobay Report No. 74050, Residues of Cyfluthrin for Bovine Tissue and Milk Following Dermal Application of a Pour-On Formulation.
- 171- 4 Mobay Report No. 74051, Residues of Cyfluthrin for Bovine Tissue Following Dermal Application of a Pour-On Formulation to Beef Cattle.
- 86-1 Mobay Report No. 74013, General Safety Evaluation for the Use of Cyfluthrin 1% Pour-On in Cattle.

The following studies previously submitted are being specifically cited to support the registration application of Bayocide Pour-On Insecticide:

Guideline Number	Mobay Report Number	MRID Number
81-1	90898	00157788
81-2	90447	00157789
81-3	90901	00157790
81-4	86130	00138748
81-5	90575	00157791
81-6	90807	00157792

All other pertinent studies cited under the "cite-all" category have previously been submitted by Mobay Corporation, Agricultural Chemicals Division in support of BAYTHROID Technical Insecticide, EPA Registration No. 3125-356, source of cyfluthrin active ingredient and Pesticide Petition No. 9H5574 and MRID No. 410016-00, 410016-22, 410620-00 and 410620-01.

3. PRODUCT NAME

Form Approved OMB No. 158 - R0066

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDE PROGRAMS (WH-567) WASHINGTON, D.C. 20460 1. COMPANY/REGISTRATION NO.

2. EPA USE ONLY

### LABEL TECHNICAL DATA

(See INSTRUCTIONS on back of last part)

Bayocide™ Pour-On Insecticide

4.	APPLICATION SITES (Check all that apply)	5.	PEST TYPE (Check all that apply)	7.	USER TYPE (Check all that apply)	
	01 CROPS (Fruit)		OT ALGAE	X	01 UNSPECIFIED GENERAL USE	
	02 CROPS (Vegetable)		02 AMPHIBIAN/REPTILE		02 UNSPECIFIED RESTRICTED USE	
	03 CROPS (Fleid)		03 BACTERIA	THE LA	05 HOMEOWNER USE	
	04 CROPS (Spice)		04 BIRDS		04 JANITORIAL USE	
	05 CROPS (Nut)		OB FISH		05 PEST CONTROL OPERATOR US	
	09 CROPS (Other)		06 FOULING ORGANISMS		06 COMMERCIAL APPLICATOR US	
	19 SOIL TREATMENT (No crop specified)		OT FUNGI		07 FARMER USE	
	20 FOREST	X	08 INSECTS AND MITES		08 MEDICAL USE	
	30 ORNAMENTALS		09 MAMMALS		09 VETERINARY USE	
	40 TURF		10 NEMATODES		10 GOVERNMENT AGENCY USE	
	50 STORED PRODUCTS TREATMENT		11 PLANTS		11 MANUFACTURING USE	
X	81 ANIMALS (Livestock)		12 RODENTS	8.	FORMULATION	
X	52 ANIMALS (Dairy)		13 SLIME		(Check one only)	
2	63 ANIMALS (Pet)	_	14 SLUGS AND SNAILS		01 TECHNICAL CHEMICAL	
-	64 ANIMALS (Laboratory)	-	16 VIRUS		02 FORMULATION INTERMEDIATE	
	69 ANIMAL'S (Other)		16 OTHER (Specify)		03 DUST	
	71 OUTDOOR (Nocrop Agricultural)				04 GRANULAR	
	72 OUTDOOR (Resident/Commercial)				05 PELLETED/ TABLETTED	
	73 OUTDOOR (Non agricultural)	-			06 WETTABLE POWDER	
	#1 SUILDINGS (Agricultural)	6,	MODE OF ACTION		07 WETTABLE POWDER/DUST	
	82 BUILDINGS (Commercial)		(Check all that apply)		09 CRYSTALLINE	
	83 BUILDINGS (Food Processing)		01 ATTRACTANT		09 MICROENCAPSULATED	
	84 BUILDINGS (Medical)		02 BIOLOGICAL CONTROL		10 IMPREGNATED MATERIALS	
1	85 BUILDINGS (Residential)		03 CHEMOSTERILANT		11 SELF-GENERATING SMOKE	
	91 EQUIPMENT (Commercial)		04 DEFOLIANT		12 EMULSIFIABLE CONCENTRATE	
	92 EQUIPMENT (Food)		08 DESICCANT		13 INVERT EMULSION	
	93 EQUIPMENT (Agricultural)		06 FEEDING DEPRESSANT		14 FLOWABLE CONCENTRATE	
	94 EQUIPMENT (Medical)		07 GROWTH INHIBITOR		15 SOLUBLE CONCENTRATE	
	95 EQUIPMENT (Transportation)		08 GROWTH REGULATOR	X	16 SOLUTION (Ready to Use)	
	95 LAUNDRY AND DRY CLEANING		09 POISON (Single dose)		17 OILS (No added posticide)	
	97 INDUSTRIAL PRESERVATIVES	Y	10 POISON (Multiple Dose)		18 PRESSURIZED (Ges)	
	98 PESTICIDE (Manufacturing only)		11 PRESERVATIVE		19 PRESSURIZED (Liquid)	
-	99 OTHER (Specify)		12 REPELLENT		20 PRESSURIZED (Dust)	
			13 OTHER (Specify)		21 OTHER (Specify)	

REMARKS